



copymaster**3D**

## COPYMASTER3D VORON V2.4R2 DIRECTTYPE 350x350MM BOM-V4.1

Category	Description	V2.4R2 Qty	Shipping Qty
<b>Fasteners</b>	M5x40 SHCS	22	24
	M5x30 BHCS	22	24
	M5x16 BHCS	35	37
	M5x10 BHCS	35	37
	M5 Hexnut	16	18
	M5 Post-install T-nut	68	70
	M5X10X1mm Shim/Spacer	42	44
	M4 Knurled Nut (DIN 466-B)	4	5
	M4x6 BHCS	7	8
	M3x40 SHCS	30	32
	M3x30 SHCS	25	27
	M3x20 SHCS	22	24
	M3x16 SHCS	20	22
	M3x12 SHCS	41	43
	M3X10 FHCS	4	5
	M3x8 SHCS	187	191
	M3x6 BHCS	11	13
	M3X6 FHCS	8	9
	M3 Hexnut	6	7
	M3 Post-install T-nut	103	107
	M3 Hammer Head T-nuts	60	62
	M3 Washer	3	4
M3 Threaded Insert	110	115	
M2x10 Self-tapping Screw	16	18	
<b>Motion</b>	GT2 80T Pulley (5mm ID 6mm W)	4	black
	GT2 20T Pulley (5mm ID 6mm W)	3	black
	GT2 20T Pulley (5mm ID 9mm W)	4	black
	GT2 16T Pulley (5mm ID 6mm W)	4	black
	GT2 20T Toothed Idler (5mm ID 6mm W)	2	black
	GT2 20T Toothed Idler (5mm ID 9mm W)	4	black
	F695-2RS Bearing	20	
	625-2RS Bearing	12	
	5x 60mm Shaft-Grind Flat	4	
	5x35mm Shaft	1	
	Gates GT2 Belt Loop (6mm W) - 188mm	4	
	Gates GT2 Open Belt LL-2GT-9 (9mm wide) -1200mm*4pcs (1*5000mm)	1	
	BMG Extruder Componnets Kit	1	
	Robotdigg 440C stainless steel linear rail MGN9H400mm	6	
	Robotdigg 440C stainless steel linear rail MGN12H400mm	1	
	Gates GT2 Open Belt LL-2GT-6 (6mm wide) -2000mm*2pcs (1*4200mm)	1	



# copymaster3D

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<b>Electronics</b>	LKD-42STH48-2004MAH (0.9 degree)	2	
	LKD-42STH20-1004ASH	1	
	LKD-42STH48-2004AC	4	
	Omron D2F-01L Micro Switch	3	
	Omron TL-Q5MC2 NPN Inductive Probe	1	
	E3D V6 Bowden Hotend Kit (24V) (with titanium alloy heatbreak)	1	
	6*20 24V 40W heater cartridge 1m	1	
	104GT-2 3*15mm thermistor wire 1m	1	
	40X40X20 Centrifugal Blower Fan (24V) GDS dual ball bearing	1	
	40x40x10 Axial Fan (24V) Sunon maglev dual ball bearing	1	
	60x60x20 Fan (24V) GDS dual ball bearing	3	
	Octopus V1.1	1	
	USB cable for Octopus V1.1	1	
	TMC2209 Stepper Motor Driver	7	
	Mini 12864 Display	1	
	10A 0-250V YB11B2-10A-Q Filtered Power Inlet	1	
	Medium blower fuse 5X20 4A for 220V	2	
	Raspberry Pi 4 / 3B+ / 3B (optional)	1	Not included
	Mean Well LRS-200-24 PSU	1	
	Mean Well LRS-25-5 PSU	1	
Omron G3NB-210B-1 SSR (10A)	1	Not included	
DIN Rail Mount Bracket for G3A SSR	1		
BAT85 Diode	1		
C13 Power Cord (EU+UK each 1pc)	2		
Thermal Fuse (125C)	1		
<b>Vibration Management</b>	Rubber Compressor Foot (38X19mm)	4	
<b>Frame</b>	OpenBuilds Angle Corner Connector	4	
	DIN 3 Rails (35mm W) - 465mm	2	
	Misumi HFSB5-2020-340	1	
	Misumi HFSB5-2020-430	1	
	Misumi HFSB5-2020-450	2	
	Misumi HFSB5-2020-470-TPW	10	
	Misumi HFSB5-2020-530-LCP-RCP	4	
<b>Misc</b>	Fume Extractor Carbon Filter Element	1	
	4mm Bowden Coupler ECAS04	1	
	PTFE Tube (4mm OD 3mm ID) - 1000m	1	
	PTFE Tube (4mm OD 2mm ID) - 300mm	1	
	6x3mm Round Neodimium Magnet	8	
	3M VHB Tape 5952	1	



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<b>Misc</b>	Single Sided Foam Tape (5mm wide/1mm thick) 5m	1	
	Single Sided Foam Tape (5mm wide/3mm thick) 5m	1	
	Allen key with ball head pack 4pcs/pack (2mm/3mm/4mm/5mm each size 1pc)	1	
<b>Cables</b>	Nylon Cable Ties 4" (0.07-0.1") 1.8-2.7mm wide	42	
	18AWG ptfe Wire (black/red/green each 1.3meters)	3.9	meters
	20AWG ptfe Cable (red 4 meters)	4	meters
	22AWG ptfe Cable (250ft total) teflon cable(black/red each 25meters, blue/green each 4meters ,brown 4meters)	82	meters
	Female Spade Crimp Terminal 4.8mm Female (18-22AWG .250" 6.35mm)	7	
	Fork Spade Crimp Terminal (18-22AWG #10)	5	
	Ring Crimp Terminal (16-22AWG #6)	1	
	JST XH Connector 3 Position male/female pair plus pins ( XH2.54 housing 2pin female/15pcsmale/9pcs XH2.54 housing 3pin female/17pcsmale/ 7pcsXH2.54 housing 4pin female/10pcs male/8pcsXH2.54 pin head female /130pcs male/80pcsU terminal SV1.25-4S /26pcsXH2.54 header	15	
	Connector kit matching your controller choice	1	
	Crimp Ferrule Kit (covering sizes 24AWG to18AWG)	1	
	MicroFit3 Connector Plug 4 Position	4	
	MicroFit3 Connector Plug 3 Position	1	
	MicroFit3 Connector Plug 2 Position	2	
	MicroFit3 Connector Receptacle 4 Position	4	
	MicroFit3 Connector Receptacle 3 Position	1	
	MicroFit3 Connector Receptacle 2 Position	2	
	MicroFit3 Female Pin	40	
	MicroFit3 Male Pin	40	
	MLX power receptacle 3 position (bed wiring)	1	
	MLX power plug 3 position	1	
	MLX male pin	6	
	MLX female pin	6	
	WAGO 221-415 Lever-Nuts	3	
10x11 Generic Cable Chain (405mm) 2pcs	1		
10x15 Generic Cable Chain (545mm) 1pcs	1		
<b>Panels</b>	Black bottom/deck panel - 469x469x3mm	2	
	Black back panel - 483x503x3mm	1	
	Transparent door - 241.5x503x3mm	2	
	Transparent side - 483x503x3mm	2	
	Transprent top - 483x483x3mm	1	



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<b>Buildplate</b>	Magnetic flexible buildplate (spring steel sheet with one side smooth PEI the other side textured PEI) 354*354mm	1	
	Precision Machined Cast Aluminum Build Plate/MIC6 354*354*8mm	1	
	Arlon Silicone AC Heater w/ NTC100K thermistor - 346x346mm (220V 750W), with 150C built in thermostat	1	